



TECHNICAL DATA

Total Length	35-60 m Varies as per No. of Washbox
Working Width	up to 3400 mm
Roller Width	up to 3600 mm
Total Width	RW + 2000 mm
Mechanical Speed	up to 80 m/min
Heating Medium	Steam
Types of Washbox	Stiping roll, S-Threading, Drum Washer, Up Down
Technology	Desizing, Print Wash, Dye Wash, Neutralization

**Note:** The details given in the leaflet cannot be considered as binding. Technical Indications are infinitely variable.



**OFFICE**  
Nr. Anup Estate, B/H Bharat Party Plot,  
Highway Road, Amraiwadi, Ahmedabad-380026 (Gujarat)-INDIA

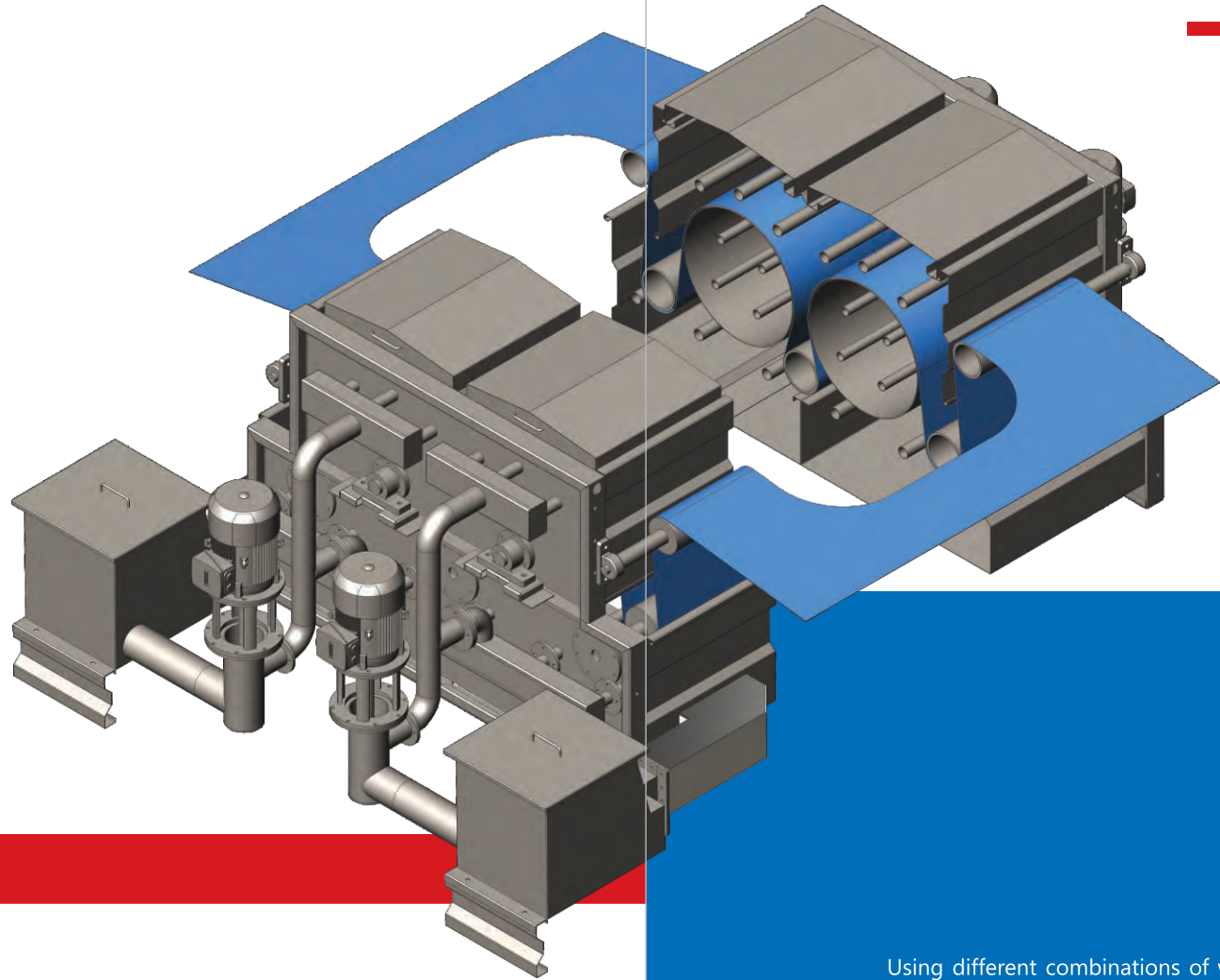
**FACTORY**  
Block No. 564/565, B/H Sawan Hotel, N.H No. 8,  
Village Kanera- 387540. Dist: Kheda (Gujarat)-INDIA

**Contact us:** +91 89800 04692/93  
**Email:** info@bhattbros.com

**bhattbros.com**



CONTINUOUS  
WASHING MACHINE



CONTINUOUS  
WASHING RANGE

PRINT WASHING  
DYED WASHING

Using different combinations of washing compartments, washing range can be set up for many different processes.

Depending upon the fabric quality, suggestive washing compartments are assembled to satisfy your production needs by combining high productivity and superficial washing results with low water, energy and chemical consumption.

We derive our advantage from the universal application of highly elastic, sensitive fabrics to heavy and sturdy technical fabrics. Our washing range can be used for all main Open-width washing processes.



### Drum Washing Compartment.

Drum washing compartment is one of the most optimum washing compartment which is suitable for pre-treatment and post-treatments for tension sensitive fabrics.

Two perforated drums mounted parallel on each other allows washing on low tension with the aid of rotors that splashes wash liquor on both upper and lower side of the fabric.

#### Jet Blade Spray

Positioned on the front and back side of the drum is a recirculated element to provide washing effect on low tension.

#### Perforated Drums

Perforated Drums are driven by an inverter controlled gearbox motor that is useful for fabric transportation affecting removal of impurities.

#### Self Cleaning Rotary Filter

Composed of Micro-sheet mesh is a rotary filter that eliminates impurities left in the bath by the fabric.

#### Squeezing Mangle

The upper roller applies adequate pressure via pneumatic pistons while the lower roller is driven by controlled motor ensuring optimum squeezing throughout the width of the fabric.

#### Compensator

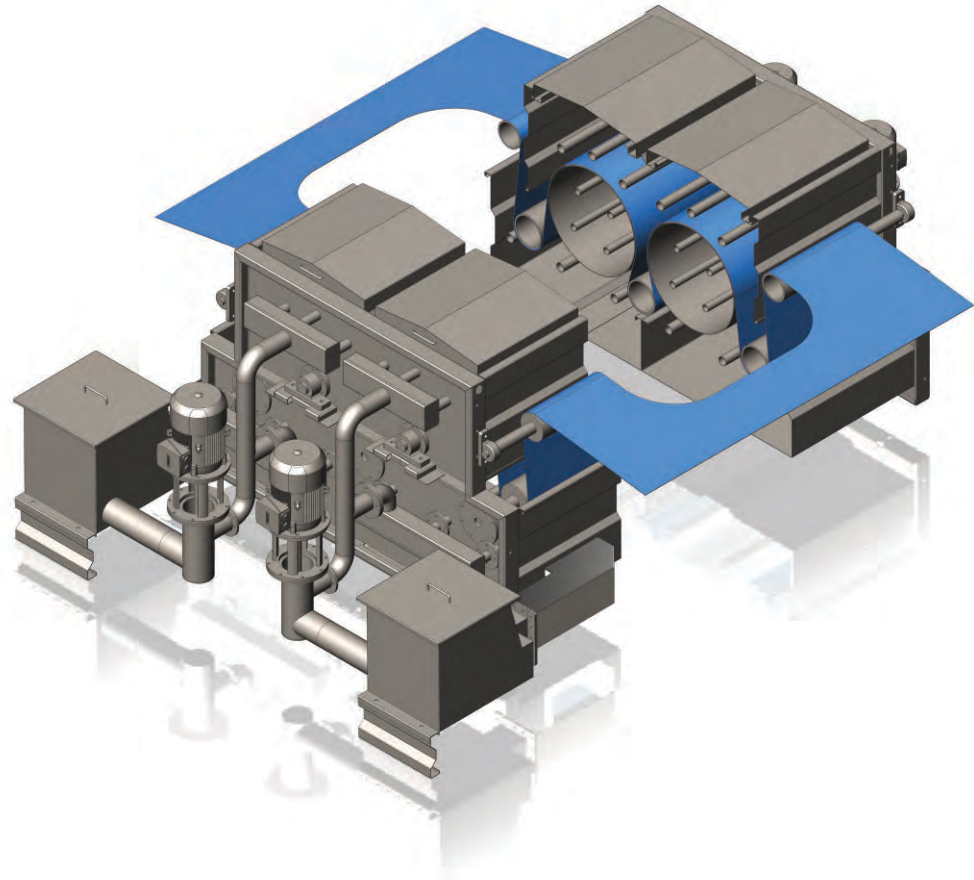
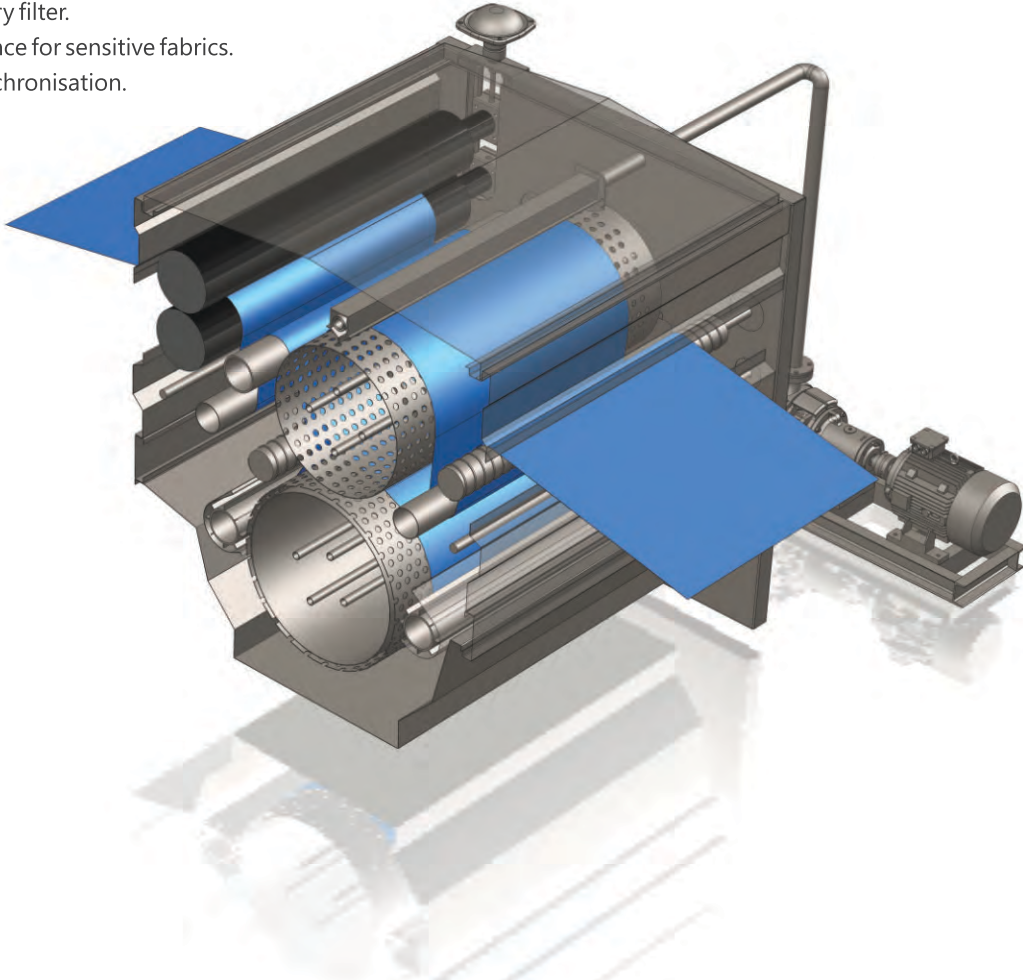
By the medium of pneumatic control; compensator adjusts the down weight of the cylinder on the fabric.

#### Applications :

- Pre-Treatment and Post treatment wash.
- Scouring and Desizing.
- Relaxation washing.
- Intermediate washing.

#### Advantages:

- Sequential Dosing.
- Temperature control, water renewal and recirculation.
- Self-Cleaning rotary filter.
- Tensionless guidance for sensitive fabrics.
- Compensator Synchronisation.



### Single Loop Washing Compartment.

Single loop washing compartment consists of a trough made from stainless steel consuming low liquor contents.

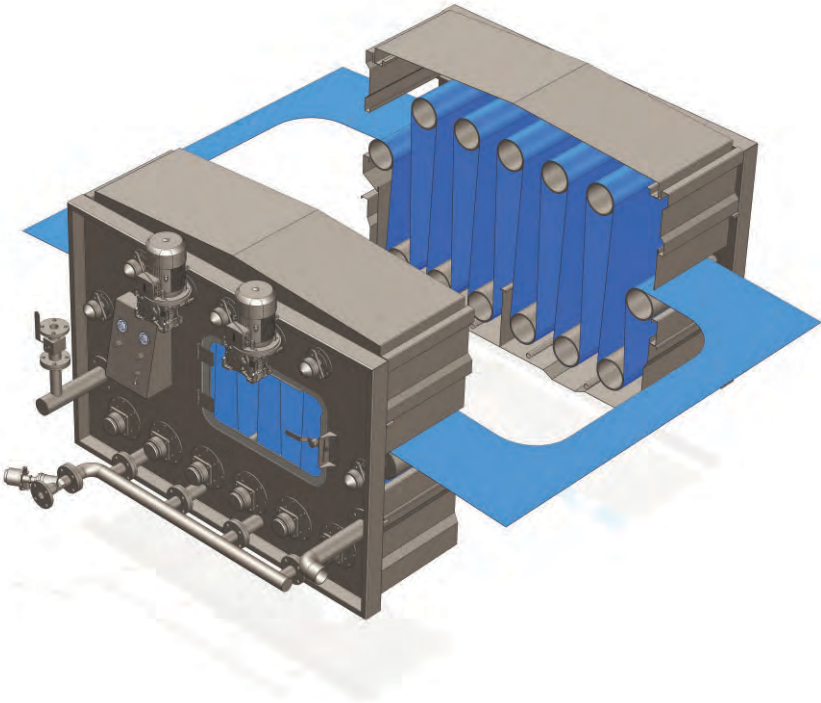
The fabric loops vertically and comes in contact with liquor which expedites the removal of dissolved chemicals and impurities. Top and bottom rollers are fixed in bearings along with the mechanical seal/ bush bearings. Compartments can be equipped with direct or Indirect heating arrangements. The top rollers are provided with torque motor / reduction gearbox motor either on individual or alternate rollers depending upon tension sensitivity of the fabric. The Expedition time in a single loop compartment is however lower than that of Double loop washing compartment. However, Cloth accessibility and handling is easier in single loop compartment.

#### Applications:

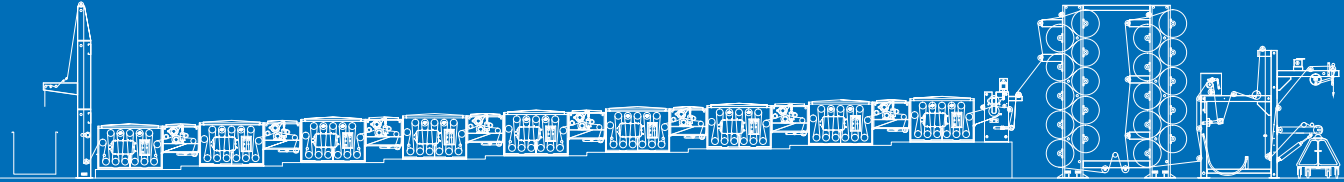
- Preparation of woven fabrics.
- Scouring and Desizing washing.
- Rinsing, Chemical treatment.
- Washing after printing.
- Washing after Bleaching.
- Washing after Dyeing.
- Neutralisation.

#### Advantages:

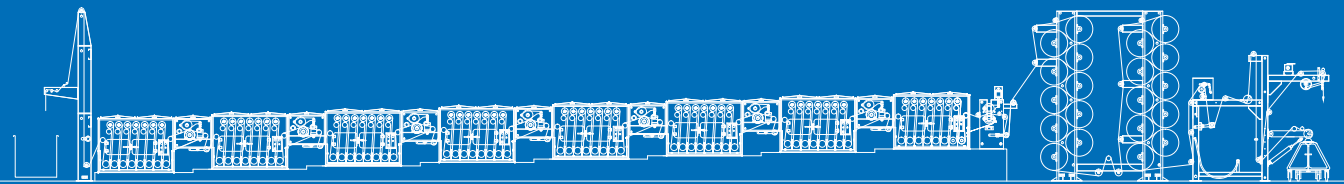
- High-Washing intensity.
- Direct/Indirect heating.
- Forced Circulation of bath liquor.
- Minimum fabric Tension.
- Adjustable Liquor level.
- High Liquor Turbulence



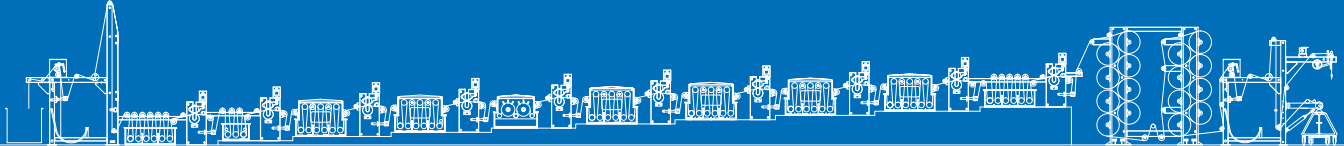
### Model - A



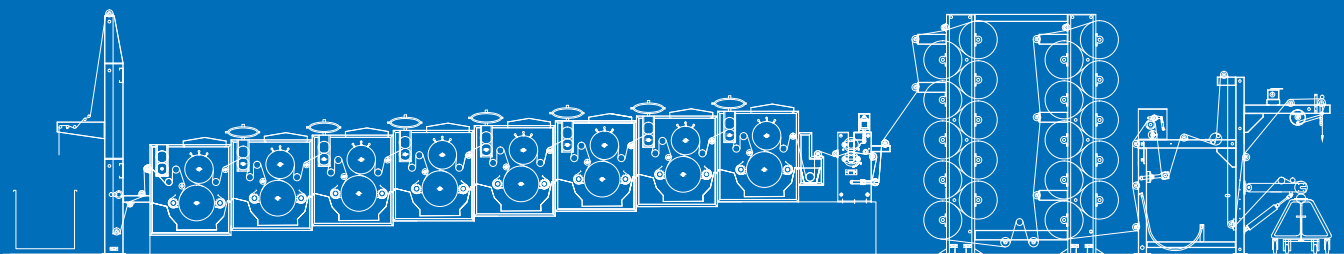
### Model - B



### Model - C



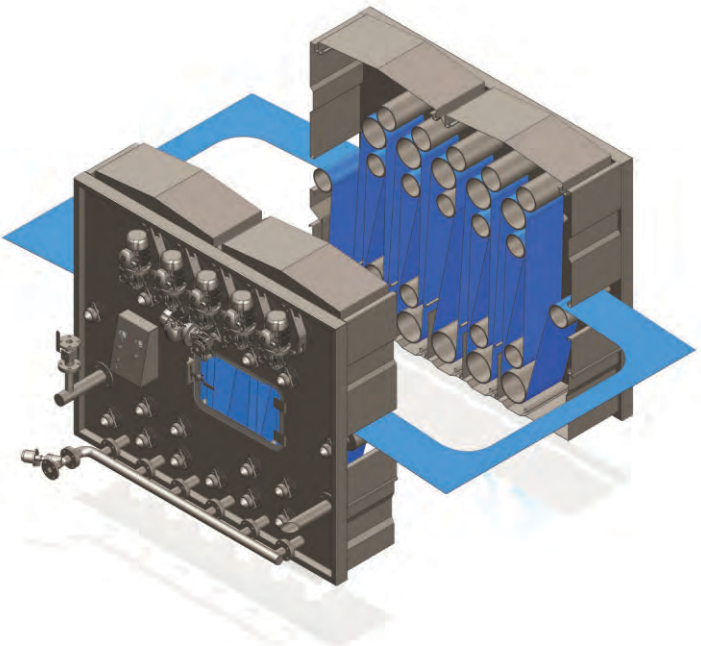
### Model - D



### Double-Loop Washing Compartment.

A double loop threading of fabric provides two adjacent textiles to move in the opposite direction which creates turbulence in the compartment and tension along the width of the fabric. This ensures very high washing efficiency. The washing compartments come with top and bottom rollers mounted on a bearing and mechanical seal. Torque motors / Reduction gear motors are provided alternately or individually depending upon the tendency of the fabric.

The trough can be provided with the partitions to produce a counter flow wherein cleaner or washed fabric comes in contact with fresh water as the fabric advances.



#### Applications:

- Preparation of woven Fabric
- Rinsing and chemical application.
- Desizing
- Scouring and Bleaching
- Washing after Dyeing.
- Washing after Printing.

#### Advantages:

- Maximum Cloth content.
- Counter-Flow on the fabric.
- Tension regulation.

### Stripping Roller Washing Compartment.

Stripping roller washing compartment comprises of an additional rows of rollers which provides better fabric guidance retaining tension on the fabric. The fabric loops vertically and expedites removal of impurities and dissolved chemicals. Compartments can be equipped with direct or Indirect heating arrangements. The top rollers are provided with torque motor / reduction gear motors either on individual or alternate rollers depending upon tension sensitivity of the fabric. "Stripping roller compartment improves fabric advancement for the most type of woven fabrics."

#### Applications:

- Preparation of woven Fabric
- Tension sensitive Fabric expedition
- Rinsing and chemical application.
- Desizing
- Scouring and Bleaching
- Washing after Dyeing.
- Washing after Printing.

#### Advantages:

- Washing of natural and synthetic Fabrics.
- Rapidity of washing along with optimum efficiency.
- Swift guidance of fabric with lowest tension.

